

F. Maxwell Harper

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Professional Preparation

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|-------------------------|---|-------|------|
| Carleton College | International Relations and Environmental Studies | B.A. | 1998 |
| University of Minnesota | Computer Science | M.S. | 2006 |
| University of Minnesota | Computer Science | Ph.D. | 2009 |

Appointments

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| Research Scientist (GroupLens Research) | University of Minnesota | 2012 - present |
| Software Developer | Code 42 Software | 2011 - 2012 |
| Founder and Lead Developer | Blue Shift Software Laboratory | 2009 - 2011 |
| Post-Doctoral Associate (GroupLens Research) | University of Minnesota | 2009 - 2010 |
| Research Assistant (GroupLens Research) | University of Minnesota | 2004 - 2009 |
| Research Intern | Nokia Research Center | 2007 |
| Teaching Assistant | University of Minnesota | 2003 - 2005 |
| Technical Consultant (part time) | Walker Art Center | 2001 - 2003 |
| Web Manager | National Civic League | 2001 - 2003 |
| Software Engineer | OneSecure | 2000 - 2001 |
| Software Developer | AT&T Wireless | 1999 - 2000 |
| Programmer | FairIsaac | 1998 - 1999 |

Publications

Five Related Publications

Kang, J., Condiff, K., Chang, S., Konstan, J. A., Terveen, L., & Harper, F. M. (2017). Understanding How People Use Natural Language to Ask for Recommendations. In Proceedings of the Eleventh ACM Conference on Recommender Systems (pp. 229–237). New York, NY, USA: ACM.

Chang, S., Harper, F.M., & Terveen, L. (2016). Crowd-Based Personalized Natural Language Explanations for Recommendations. In Proceedings of the 10th ACM Conference on Recommender Systems (pp. 175–182). New York, NY, USA: ACM.

Chang, S., Harper, F. M., & Terveen, L. (2015). Using Groups of Items for Preference Elicitation in Recommender Systems. In Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing (pp. 1258–1269). New York, NY, USA: ACM.

Ekstrand, M. D., Harper, F. M., Willemsen, M. C., & Konstan, J. A. (2014). User Perception of Differences in Recommender Algorithms. In Proceedings of the 8th ACM Conference on Recommender Systems (pp. 161–168). New York, NY, USA: ACM.

Harper, F. M., Xu, F., Kaur, H., Condiff, K., Chang, S., & Terveen, L. (2015). Putting Users in Control of Their Recommendations. In Proceedings of the 9th ACM Conference on Recommender Systems (pp. 3–10). New York, NY, USA: ACM.

Other Significant Publications

Chen, Y., Harper, F. M., Konstan, J., & Li, S. X. (2010). Social Comparisons and Contributions to Online Communities: A Field Experiment on MovieLens. *The American Economic Review*, 100(4), 1358–1398.

Harper, F. M., Li, S. X., Chen, Y., & Konstan, J. A. (2007). Social Comparisons to Motivate Contributions to an Online Community. In Y. de Kort, W. IJsselstein, C. Midden, B. Eggen, & B. J. Fogg (Eds.), *Persuasive Technology* (pp. 148–159). Springer Berlin Heidelberg.

Harper, F. M., Moy, D., & Konstan, J. A. (2009). Facts or Friends?: Distinguishing Informational and Conversational Questions in Social Q&A Sites. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 759–768). New York, NY, USA: ACM.

Harper, F. M., Raban, D., Rafaeli, S., & Konstan, J. A. (2008). Predictors of Answer Quality in Online Q&A Sites. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 865–874). New York, NY, USA: ACM.

Ren, Y., Harper, F. M., Drenner, S., Terveen, L. G., Kiesler, S. B., Riedl, J., & Kraut, R. E. (2012). Building Member Attachment in Online Communities: Applying Theories of Group Identity and Interpersonal Bonds. *Mis Quarterly*, 36(3), 841–864.

Synergistic Activities

Program Committee Member (Recommender Systems 2009-present, World Wide Web 2011, 2010 workshops on Recommenders and the Social Web, Recommender Systems 2008, Adaptive Hypermedia 2008 workshop on Adaptation in the Social Web, Interact 2007 workshop on Design Principles for Software that Engages Users, User Modeling 2007 workshop on Adaptation and Personalization in Social Systems, Adaptive Hypermedia 2006 workshop on Social Navigation and Community Based Adaptation Technologies)

Reviewer (CHI 2006-present, CSCW 2006-present, ACM TWEB 2008, 2010, RecSys 2009-present, Hypertext 2007, Mobiquitous 2007, ECR 2007, IUI 2007, AH 2006)

Invited Lecturer (Minnedemo 2011, Best Buy 2010, Thompson Reuters 2010, Adventium Labs 2009, IBM Research 2008)